Index Volume 24 1987

Fasc. 1 1–120 issued on 11.03.1987
Fasc. 2 121–238 issued on 07.05.1987
Fasc. 3 239–362 issued on 30.06.1987
Fasc. 4 363–490 issued on 13.08.1987
Fasc. 5 491–594 issued on 28.09.1987
Fasc. 6 595–712 issued on 09.11.1987

Alblas, H.: One-Pass Transformations of Attributed Program Trees 299
Bakker, J.W. de, Meyer, J.-J.C.: Order and Metric in the Stream Semantics of Elemental Concurrency 491
Bayer, R., s. Kempf, M., et al. 461
Becker, B.: An Easily Testable Optimal-Time VLSI-Multiplier 363
Bender, E.A., Praeger, C.E., Wormald, N.C.: Optimal Worst Case Trees 475
Błażewicz, J., Kubiak, W., Röck, H., Szwarcfiter, J.: Minimizing Mean Flow-Time with Parallel Processors and Resource Constraints 513
Chazelle, B.: Some Techniques for Geometric Searching with Implicit Set Representations 565
Chowdhury, S.K., Srimani, P.K.: Worst Case Performance of Weighted Buddy Systems 555
Cousot, P., Cousot, R.: Sometime = Always + Recursion ≡ Always on the Equivalence of the Intermittent and Invariant Assertions Methods for Proving Inevitability Properties of Programs 1
Cousot, R., s. Cousot, P. 1
Cunto, W., Gascon, J.L.: Improving Time and Space Efficiency in Generalized Binary Search Trees 583
Czachórski, T., s. Duda, A. 525
De Nicola, R.: Extensional Equivalences for Transition Systems 211
Demers, A., s. Horwitz, S., et al. 679
Desharnais, J., s. Mili, A. 239
Devroye, L.: Branching Processes in the Analysis of the Heights of Trees 277
Duda, A., Czachórski, T.: Performance Evaluation of Fork and Join Synchronization Primitives 525
Dunne, P.E.: A Result on k-Valent Graphs and Its Application to a Graph Embedding Problem 447
Gascon, J.L., s. Cunto, W. 583
Goldreich, O., Shrira, L.: Electing a Leader in a Ring with Link Failures 79
Güntzer, U., s. Kempf, M., et al. 461
Harris, L.A.: SLR (1) and LALR (1) Parsing for Unrestricted Grammars 191
Heilbrunner, S., Hölldobler, S.: The Undecidability of the Unification and Matching Problem for Canonical Theories 157
Hölldobler, S., s. Heilbrunner, S. 157
Hoogewijs, A.: Partial-Predicate Logic in Computer Science 381
Horwitz, S., Demers, A., Teitelbaum, T.: An Efficient General Iterative Algorithm for Dataflow Analysis 679
Huang, C.-H., Lengauer, C.: The Derivation of Systolic Implementations of Programs 595
Janicki, R.: A Formal Semantics for Concurrent Systems with a Priority Relation . . . 33
Kamin, S.: The Expressive Theory of Stacks 695

Kapur, D., Narendran, P., Zhang, H.: On Sufficient-Completeness and Related Properties of Term Rewriting Systems . . . 395
Kastens, U.: Lifetime Analysis for Attributes . . . 633
Kempf, M., Bayer, R., Güntzer, U.: Time Optimal Left to Right Construction of Position Trees . . . 461
Kubiak, W., s. Błażewicz, J., et al. . . . 513
Kumar, S.K., Rangan, C.P.: A Linear Space Algorithm for the LCS Problem . . . 353
Kunde, M.: Lower Bounds for Sorting on Mesh-Connected Architectures . . . 121
Lao, M.J.: Combinator-Based Compilation of Recursive Functions with Different Parameter Passing Modes . . . 653
Lengauer, C., s. Huang, C.-H. . . . 595
Leung, C.H.C.: Analysis of Space Allocation in a Generally Fragmented Linear Store 93
Loizou, G., Thanisch, P.: Losslessness and Project-Join Constructibility in Relational Databases . . . 131
Meyer, J.-J.C., s. Bakker, J.W. de . . . 491
Mili, A., Desharnais, J., Mili, F.: Relational Heuristics for the Design of Deterministic Programs . . . 239
Mili, F., s. Mili, A. . . . 239
Murtagh, T.P.: Redundant Proofs of Non-Interference in Levin-Gries CSP Program Proofs . . . 145
Narendran, P., s. Kapur, D., et al. . . . 395
Peters, J.G., Rudolph, L.: Parallel Approximation Schemes for Subset Sum and Knapsack Problems . . . 417
Praeger, C.E., s. Bender, E.A., et al. . . . 475
Rangan, C.P., s. Kumar, S.K. . . . 353
Röck, H., s. Błażewicz, J., et al. . . . 513
Rudolph, L., s. Peters, J.G. . . . 417
Schmidt, U.: Long Unavoidable Patterns . . . 433
Shrira, L., s. Goldreich, O. . . . 79
Srimani, P.K., s. Chowdhury, S.K. . . . 555
Szpankowski, W.: An Analysis of a Contention Resolution Algorithm. Another Approach 173
Szwarcfiter, J., s. Błażewicz, J., et al. . . . 513
Takeichi, M.: Partial Parametrization Eliminates Multiple Traversals of Data Structures 57
Teitelbaum, T., s. Horwitz, S., et al. . . . 679
Thanisch, P., s. Loizou, G. . . . 131
Vidyasankar, K.: Generalized Theory of Serializability . . . 105
Wormald, N.C., s. Bender, E.A., et al. . . . 475
Zhang, H., s. Kapur, D., et al. . . . 395

Covered by *Zentralblatt für Mathematik*
and *Current Mathematical Publications*